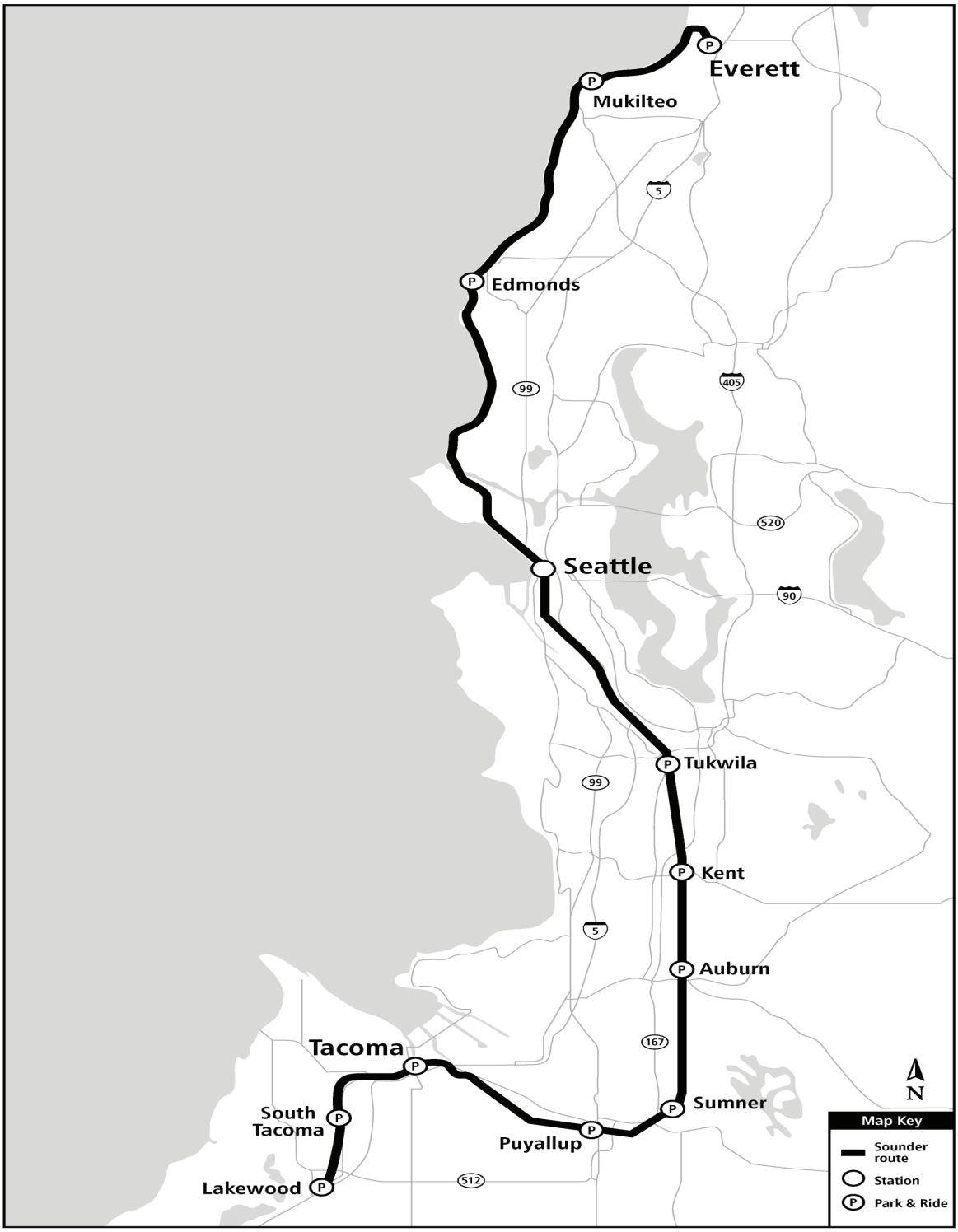
Progress Report
Sounder Program

Forming for platform slab at Mukilteo Station.

December | 2014

Prepared by Project Control | Design, Engineering & Construction Management



Sounder provides commuter rail service between Everett and Lakewood

Projects

Completed Work: The Sounder Commuter Rail program provides commuter rail service to 12 stations along an 83-mile corridor, between Everett in Snohomish County and Lakewood in Pierce County. Four daily round-trips operate between Everett and Seattle with service at stations in Everett, Mukilteo, Edmonds, and Seattle. Ten daily round-trips operate between Seattle and Tacoma with service stations in Seattle, Tukwila, Kent, Auburn, Puyallup, Sumner, and Tacoma. Six of these ten trips include service to South Tacoma and Lakewood.

Sounder South Expanded Service: Sound Transit has purchased four additional round trip easements from BNSF to expand service between Seattle and Lakewood. Sound Transit is responsible for completing all the environmental documentation, permitting and mitigation associated with BNSF construction activity necessary to support those additional round trips. One of the four additional round trips has commenced, timing of the other three is dependent on the environmental work and ridership demand.

Sounder Yard & Shops Facility: Sound Transit is evaluating the need for an operations and maintenance base. Project development activities include confirmation of fleet operations, facilities and site programming, and alternative site identification.

Sounder Yard Expansion: Additional train service in the Everett to Lakewood corridor will require additional train sets and a location to store the trains overnight. The Lakewood Layover yard is being expanded by an additional track to accommodate this need and a permanent crew reporting facilities will be incorporated into the design, eliminating the need to lease space.

Positive Train Control: Federal regulations require all passenger train systems be equipped with PTC systems by December 2015. This necessitates upgrades to Sounder wayside signals, communications, and information management system along with additional on-board equipment. BNSF is installing wayside elements within the Everett to Tacoma corridor. This project includes wayside elements along the Tacoma to Lakewood corridor and modifications of locomotives and cab cars.

Mukilteo Station, South Platform: Full build out of this station includes construction of a second platform, overhead pedestrian bridge, elevators, stair tower, and passenger shelters.

Tukwila Station: Construction of a permanent station and platforms to replace the temporary wooden structure. This project includes the construction of a new expanded parking lot, bus loop with passenger shelters, bicycle storage area, new concrete platforms with improved passenger shelters all sited to accommodate future rail line expansion by BSNF.

Tacoma Trestle Track & Signal: Replacement of existing wooden trestle that is reaching the end of the functional service life with a double track concrete structure. This project will improve overall safety, capacity, and speed in this section of the corridor.

Puyallup Station Improvements: Preliminary engineering for access improvements at Puyallup Station. This project was identified as a result of the Station Access and Demand Project completed in 2013. Final scope of improvements will be determined at the completion of preliminary engineering.

Sumner Station Improvements: Preliminary engineering for access improvements at Sumner Station. This project was identified as a result of the Station Access and Demand Project completed in 2013. Final scope of improvements will be determined at the completion of preliminary engineering.

Point Defiance Bypass: Sound Transit will administer the construction of the Point Defiance Bypass Project which will construct a new second track adjacent to Sound Transit's existing main line between South Tacoma (66th Street Bridge and Lakewood (Bridgeport Way) and install new rails, ties, and ballast on Sound Transit's existing track between Lakewood and Nisqually.

Program Budget

Program cost information by project phase is summarized below. Lifetime budgets reflect the Adopted 2014 phase level budgets; for ST2 projects, the lifetime budget includes funding only for project phases that have been approved by the Board of Directors. For example, the Sounder Yard and Shops project is funded only through preliminary engineering; approval for the final design and construction budgets will be requested upon completion of preliminary engineering and refinement of cost estimates.

Phase	Lifetime Budget	Commitment to Date	Incurred to Date
Agency Administration	$ 34,156	$ 21,531	$ 22,422
Pre Engineering / Env Review	$ 25,713	$ 19,479	$ 14,080
Final Design & Specs	$ 43,018	$ 36,382	$ 30,357
Third Party Agreements	$ 13,728	$ 5,746	$ 3,345
ROW Acquisition & Permits	$ 280,895	$ 269,068	$ 260,438
Construction	$ 243,293	$ 213,945	$ 196,848
Construction Management	$ 26,492	$ 13,193	$ 8,413
Vehicles	$ 17,906	$ 17,906	$ 17,906
Start-up & Testing	$ 2,690	$ 1,353	$ 1,052
Contingency	$ 1,725	$ -	$ -
Program Total	$ 689,616	$ 598,603	$ 554,861

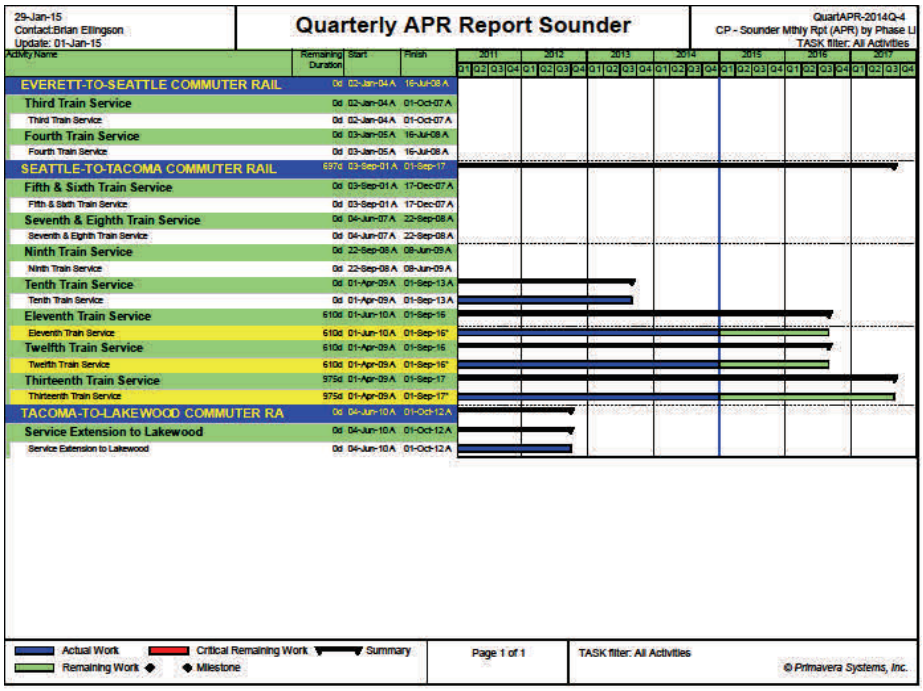
(Table figures in thousands. Variances are due to rounding.)

Significant variances compared to prior reporting period.

- No significant variances this period.

Program Schedule

Construction of the remaining environmental mitigation measures in the Everett to Seattle corridor was completed in 2013; construction of Tukwila Station is scheduled to be completed in 2014, and construction of the Mukilteo Station South Platform is scheduled to be completed in 2015. Expanded service milestones in the south corridor are scheduled to be completed by 2017.



Schedule Variance

An updated project schedule is maintained for each Sounder Commuter Rail project. The updated schedule reflect changes compared to the baseline. *No changes this period.*

Sound Transit Board Actions

Board motions and resolutions directly related to Sounder Program are summarized in the table below.

Motion Number	Description	Date
M2014-76	King County Mitigation Reserve Program for Sounder South Expansion Project	10/09/14
M2014-78	Contract Amendment for Final Design Services for Tacoma Trestle Track & Signal Project	10/23/14
M2014-85	Contract for Construction Services for the ST Express Mid-day Bus Storage Project	11/13/14
M2014-87	Contract award for Preconstruction Services for the Sounder Point Defiance By-pass, Tacoma Trestle Track & Signal, and Sounder Yard Expansion Project	11/13/14

Third-Party Agreements

Tacoma-to-Lakewood

WSDOT / Amtrak / FRA
Negotiations have concluded for a Service Outcomes Agreement (SOA) and Stakeholder Agreement for investment of High-Speed Passenger Rail grant money into the corridor. The SOA captures Sound Transit's commitment to continued maintenance and operation of the corridor, and the Stakeholder Agreement provides funding to be applied to the completed construction on the D Street-to-M Street project and the Point Defiance Bypass project.

City of Tacoma
Sound Transit has negotiated the transfer of surplus properties acquired for the D Street-to-M Street project not needed for Sounder operations to the City of Tacoma. The transfer will occur as part of the purchase and sale agreement for the Tacoma Trestle Replacement Project. The surplus and purchase actions have been approved by the Sound Transit Board.

Construction Safety

Currently there are two Agency-led construction contracts for the Sounder program:

- Tukwila Station
- Mukilteo Station, South Platform

No accidents or incidents were reported during this period.

Quality Assurance

Quality Assurance continues to support the Sounder program through review of design and construction documents and periodic audits of projects in design, constructions, and operations.

Description	4th Quarter 2014	Notes
Audits/Surveillances Performed	0 Audits 0 Surveillances	None
Audits/Surveillances Reports Issued	0 Audits 0 Surveillances	None
Reports in Progress	0 Reports	None
Audits/Surveillances Rescheduled	0 Audits 0 Surveillances	None

Scope

Sound Transit has purchased four additional commuter rail easements from BNSF for expanding service between Seattle and Lakewood. A number of track and signal improvements are needed between Seattle and Tacoma to accommodate additional service. BNSF is currently completing design improvements and intends to incrementally complete construction as additional service is added. Additional round trips are planned for 2016 and 2017.

Additional morning and evening service between Seattle and Lakewood to be fully implemented by 2017

Schedule

	Start	Finish
Prelim. Engineering	Oct 2010	Mar 2012
Final Design	Aug 2011	TBD
Construction	TBD	Sep 2017

Scope/Schedule/Budget Variance

Third Party Agreement adopted budget of $8M will be transferred to the Construction phase as part of the adoption of the 2015 Budget.

Project Cost ($s in thousands)

Phase	Lifetime Budget	Commitment to Date	Incurred to Date
Administration	$ 5,650	$ 1,027	$ 1,035
Preliminary Engineering	$ 1,007	$ 431	$ 386
Final Design	$ 400	$ -	$ -
Third Party Agreements	$ 8,005	$ -	$ -
ROW Acquisition and Permits	$ 186,485	$ 185,182	$ 185,182
Construction	$ 421	$ 897	$ 897
Construction Services	$ -	$ -	$ -
Contingency	$ -	$ -	$ -
Project Total	**$ 201,968**	**$ 187,537**	**$ 187,500**

Major Contracts ($s in thousands)

Vendor	Amount	Scope
ESA Adolfson	$405	PE

Key Activities

Current Period

- Approval by ST Board the ST and King County Reservation Mitigation In-Lieu Program Cost Reimbursement Agreement for Easement 3.
- Received wetland permit for Easement 3 by U.S. Army Corps of Engineers.

Next Period

- Continue work with BNSF Railway to identify wetland mitigation options for Easement 4.

Closely Monitored Issues

Scope, Schedule, and Budget may be impacted by:

- Negotiation with permitting agencies on mitigation for wetland and stream impacts.
- Issuance of environmental permits.
- Potential for additional mitigation and associated NEPA environmental documentation.

Sounder Commuter Rail
Sounder Yard & Shops Facility

Scope

Final planning and analysis, environmental clearance and preliminary engineering for yard and shop operations and maintenance facilities to support expanded Sounder service. Preliminary project development activities (final planning, revised cost estimating and preliminary siting studies) have been completed; environmental analysis is ongoing.

Amtrak currently provides Sounder vehicle maintenance

Schedule

	Start	Finish
Prelim. Engineering	Jul 2013	Sept 2014
Final Design	TBD	TBD
Construction	TBD	TBD

Scope/Schedule/Budget Variance

None to report this period.

Project Cost ($s in thousands)

Phase	Lifetime Budget	Commitment to Date	Incurred to Date
Administration	$ 661	$ 236	$ 259
Preliminary Engineering	$ 5,116	$ 2,091	$ 1,164
Final Design	$ -	$ -	$ -
Third Party Agreements	$ -	$ -	$ -
ROW Acquisition and Permits	$ 300	$ 37	$ 36
Construction	$ -	$ -	$ -
Construction Services	$ -	$ -	$ -
Contingency	$ -	$ -	$ -
Project Total	**$ 6,077**	**$ 2,364**	**$ 1,459**

Major Contracts ($s in thousands)

Vendor	Amount	Scope
Parsons Brinckerhoff	$2,091	PE/ED

Key Activities

Current Period

- Evaluated the financial feasibility on the project before entering the preliminary engineering design phase.

Next Period

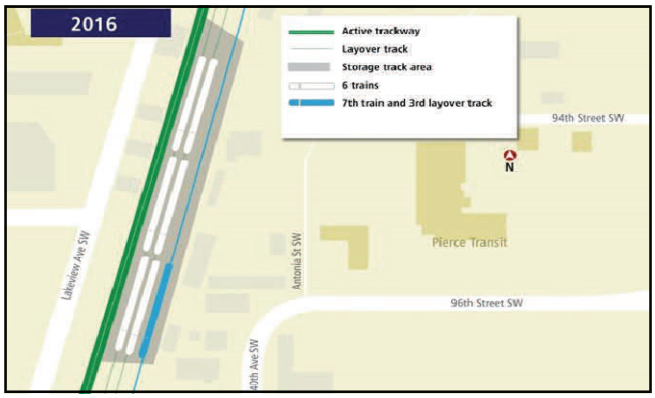
- Begin work with the design consultant to develop the preliminary engineering design scope of work.

Closely Monitored Issues

- Alignment of project scope with budget.

Scope

The Sounder Yard Expansion project includes design and construction of a third storage track and civil improvements to accommodate seven Sounder train sets at the Lakewood layover facility. This additional storage capacity is necessary when additional Sounder South trains, approved in ST2, begin between Tacoma and Seattle in 2016 in advance of completion of the Sounder Yard & Shops project.



Sounder Yard Expansion will increase storage capacity for Sounder 7th train set

Schedule

	Start	Finish
Prelim. Engineering	Jul 2013	Jun 2014
Final Design	Jun 2014	Jan 2015
Construction	Oct 2015	Dec 2016

Scope/Schedule/Budget Variance

The change to the project delivery method from Design Bid-Build to Design-Build cause delay in contract procurement for construction.

Project Cost ($s in thousands)

Phase	Lifetime Budget	Commitment to Date	Incurred to Date
Administration	$ 1,200	$ 188	$ 268
Preliminary Engineering	$ 2,150	$ 1,784	$ 1,021
Final Design	$ -	$ -	$ -
Third Party Agreements	$ -	$ -	$ -
ROW Acquisition and Permits	$ 400	$ 99	$ 14
Construction	$ 15,400	$ -	$ -
Construction Services	$ 1,400	$ 175	$ -
Contingency	$ -	$ -	$ -
Project Total	**$ 20,550**	**$ 2,246**	**$ 1,303**

Major Contracts ($s in thousands)

Vendor	Amount	Scope
Parsons Brinkerhoff	$1,694	PE

Key Activities

Current Period

- Developed project requirements for Design-Build contract.
- Developed Request for Qualifications (RFQs) documents.
- Continued Right-of-Way coordination with property owners and coordination with utilities to be relocated.

Next Period

- Issue Request for Qualifications (RFQs) to prospective Design-Build teams.
- Evaluate Statement of Qualifications and shortlist Design-Build teams to receive Request for Proposals.

Closely Monitored Issues

- Right-of-Way (ROW acquisitions.
- Utility relocations.

Sounder Commuter Rail
Positive Train Control

Scope

Positive Train Control (PTC) systems are integrated command, control, communications, and information systems for controlling train movements. The systems improve railroad safety by significantly reducing the probability of collisions between trains, casualties to railway workers and over-speed accidents. Federal regulations require passenger train systems be equipped with PTC systems by December 2015.

Improving safety along the Tacoma-to-Lakewood corridor

Schedule

	Start	Finish
Prelim. Engineering	N/A	N/A
Final Design	Jul 2013	May 2014
Construction	Jun 2014	Dec 2015

Scope/Schedule/Budget Variance

None to report this period.

Project Cost ($s in thousands)

Phase	Lifetime Budget	Commitment to Date	Incurred to Date
Administration	$ 2,238	$ 704	$ 703
Preliminary Engineering	$ -	$ -	$ -
Final Design	$ 279	$ 226	$ 226
Third Party Agreements	$ 4,267	$ 3,900	$ 2,510
ROW Acquisition and Permits	$ -	$ -	$ -
Construction	$ 40,484	$ 35,019	$ 18,531
Construction Services	$ 4,062	$ 2,328	$ 239
Contingency	$ 1,725	$ -	$ -
Project Total	**$ 53,055**	**$ 42,177**	**$ 22,209**

Major Contracts

($s in thousands)

Vendor	Amount	Scope
Xorail	$34,065	Design/PTC System Install
LTK Engineering Services	$2,287	CM/Engineering Support Svcs.

Key Activities

Current Period

- Started testing wayside system.
- Submitted informal draft of Safety Plan to FRA.
- Completed 75% wayside installation.
- Submitted request to FRA for Revenue Service on scenic sub-division.
- Submitted final test plan to FRA.

Next Period

- Begin development of initial software configuration control process.
- Begin training for maintenance staff.
- Functionally complete all on-board layouts.
- Formally submit draft 1 of Safety Plan and responds to subsequent FRA comments.

Closely Monitored Issues

- Availability of potential grant funding.
- Coordination of Sound Transit work efforts with BNSF schedule for PTC implementation.
- Completion of project by federal compliance deadline of Dec. 2015.

Sounder Commuter Rail
Mukilteo Station, South Platform

Scope

The Mukilteo Station South Platform project includes construction of a second platform, shelter structures, stairs, elevator towers and a pedestrian bridge connecting the south platform with the existing north platform.

Artist's rendering of Mukilteo Station

Schedule

	Start	Finish
Prelim. Engineering	Feb 2001	Apr 2005
Final Design	Aug 2007	Sep 2012
Construction	Jan 2014	Mar 2015

Scope/Schedule/Budget Variance

None to report this period.

Major Contracts

($s in thousands)

Vendor	Amount	Scope
AECOM	$2,154	FD
CA Carey Corp.	$7,198	CON
KBA	$1,500	CM Services

Project Cost ($s in thousands)

Phase	Lifetime Budget	Commitment to Date	Incurred to Date
Administration	$ 1,128	$ 719	$ 727
Preliminary Engineering	$ -	$ -	$ -
Final Design	$ 2,447	$ 2,240	$ 2,212
Third Party Agreements	$ 247	$ -	$ -
ROW Acquisition and Permits	$ 3,588	$ 436	$ 428
Construction	$ 9,040	$ 7,837	$ 7,196
Construction Services	$ 1,863	$ 1,500	$ 1,126
Contingency	$ -	$ -	$ -
Project Total	**$ 18,313**	**$ 12,732**	**$ 11,689**

Key Activities

Current Period

- Installed electrical conduits on North Platform.
- Prepared for installation of glazing and storefronts.
- Weatherproofed roof structure and elevators pits.
- Completed fabrication of elevators, mini-high platform, and concrete curbs.

Next Period

- Continue with installation of elevators.
- Install glazing and storefronts on North and South Platforms.
- Install pan decking.
- Pour concrete at stairs and landings.

Closely Monitored Issues

- BNSF 4th quarter moratorium.
- Mukilteo lane closure activities.
- BNSF end of year scheduling, Contractor work limited to activities away from track—no over track work allowed 12/19/14 - 1/4/15.

Sounder Commuter Rail
Tukwila Station

Scope

The Tukwila Station includes permanent boarding platforms with canopies, improved pedestrian access, commuter parking improvements, a bus transfer facility, and secure bicycle parking. The platform will be constructed south of Longacres Way and west of the BNSF railroad tracks.

Artist's rendering of Tukwila Station

Schedule

	Start	Finish
Prelim. Engineering	Jul 2007	Aug 2009
Final Design	Jan 2012	Sep 2012
Construction	Jul 2013	Dec 2014

Scope/Schedule/Budget Variance

None to report this period.

Project Cost ($s in thousands)

Phase	Lifetime Budget	Commitment to Date	Incurred to Date
Administration	$ 2,773	$ 1,428	$ 1,427
Preliminary Engineering	$ 1,101	$ 1,101	$ 1,101
Final Design	$ 4,724	$ 4,465	$ 4,450
Third Party Agreements	$ -	$ -	$ -
ROW Acquisition and Permits	$ 11,009	$ 10,408	$ 10,356
Construction	$ 24,281	$ 17,964	$ 16,672
Construction Services	$ 2,081	$ 1,588	$ 1,466
Contingency	$ -	$ -	$ -
Project Total	**$ 45,969**	**$ 36,954**	**$ 35,472**

Major Contracts

($s in thousands)

Vendor	Amount	Scope
KPFF	$5,441	PE/ED/FD
Absher	$16,412	CON
Lin & Associates	$1,444	CM Services

Key Activities

Current Period

- Commissioning and training.
- Continued installation of facilities amenities.
- Issued project substantial completion.
- Closed out Boeing TCE.

Next Period

- Completion of Commissioning and training.
- Issue acceptance.

Closely Monitored Issues

- Coordination on platform closures between BNSF, ST, and Amtrak.

Sounder Commuter Rail
Tacoma Trestle Track & Signal

Scope

Replacement of the single tracked Tacoma Trestle with a structure capable of accommodating double tracking to improve passenger and commuter rail service reliability and reduce delays for freight movement through Tacoma.

Project will replace existing Tacoma train trestle

Schedule

	Start	Finish
Prelim. Engineering	Aug 2013	Oct 2014
Final Design	Nov 2014	Nov 2015
Construction	2015	2017

Scope/Schedule/Budget Variance

None to report this period.

Project Cost (\$s in thousands)

Phase	Lifetime Budget	Commitment to Date	Incurred to Date
Administration	$ 1,676	$ 617	$ 869
Preliminary Engineering	$ 5,165	$ 3,811	$ 3,358
Final Design	$ 10,374	$ 6,136	$ 221
Third Party Agreements	$ -	$ -	$ -
ROW Acquisition and Permits	$ 11,914	$ 8,783	$ 369
Construction	$ -	$ -	$ -
Construction Services	$ 5,425	$ 723	$ -
Contingency	$ -	$ -	$ -
Project Total	**$ 34,554**	**$ 20,070**	**$ 4,817**

Major Contracts

(\$s in thousands)

Vendor	Amount	Scope
David Evans & Associates	$3,652	PE/ED

Key Activities

Current Period

- Received ST Board approval of design consultant contract amendment to complete final design.
- Received ST Board approval for the ST and WSDOT Platform Extension Final Design Cost Reimbursement Agreement.
- Submitted the 30% preliminary engineering designs of the platform extension.
- Continued development of real estate appraisals.

Next Period

- Continue work on real estate appraisals and offers.
- Continue technical coordination with private utility companies to address utility conflict.
- Schedule to transmit the 60% design submittal.
- Conduct constructability review workshop.

Closely Monitored Issues

- Geotechnical and archaeological investigations.
- Coordination with WSDOT on the design integration of the platform extension to the Trestle design package and signal design integration of the ST Tacoma Trestle Project and WSDOT Point Defiance By-Pass Project.

Sounder Commuter Rail
Puyallup Station Improvements

Scope

This project is currently undertaking a NEPA/SEPA environmental review and preliminary engineering for access improvements identified for the Puyallup Station through the ST Board action in August 2014. The ST Board identified improvements include a new parking garage at the Puyallup Station, additional parking facilities, station area pedestrian access improvements, bicycle lane or path improvements near the station, secure bicycle storage area traffic improvements. The project scope for Final Design will be determined with the concurrence of community and municipal stakeholders, following completion of conceptual and preliminary engineering.

Improving access to Puyallup Station

Schedule

	Start	Finish
Prelim. Engineering	Jun 2013	2016
Final Design	2016	2018
Construction	2019	2020

Scope/Schedule/Budget Variance

None to report this period.

Project Cost ($s in thousands)

Phase	Lifetime Budget	Commitment to Date	Incurred to Date
Administration	$ 757	$ 147	$ 145
Preliminary Engineering	$ 2,680	$ 2,256	$ 506
Final Design	$ -	$ -	$ -
Third Party Agreements	$ -	$ -	$ -
ROW Acquisition and Permits	$ 110	$ -	$ -
Construction	$ -	$ -	$ -
Construction Services	$ -	$ -	$ -
Contingency	$ -	$ -	$ -
Project Total	**$ 3,547**	**$ 2,403**	**$ 651**

Major Contracts

($s in thousands)

Vendor	Amount	Scope
Parametrix	$4,512	CE/PE

Key Activities

Current Period

- Executed contract amendment for Phase 2 and 3 services.
- Initiated evaluation and development of access improvements and Conceptual Engineering.

Next Period

- Begin Conceptual Engineering.
- Working with the City of Puyallup regarding the size and location of the garage at the station to use for NEPA/SEPA environmental review and conceptual engineering.

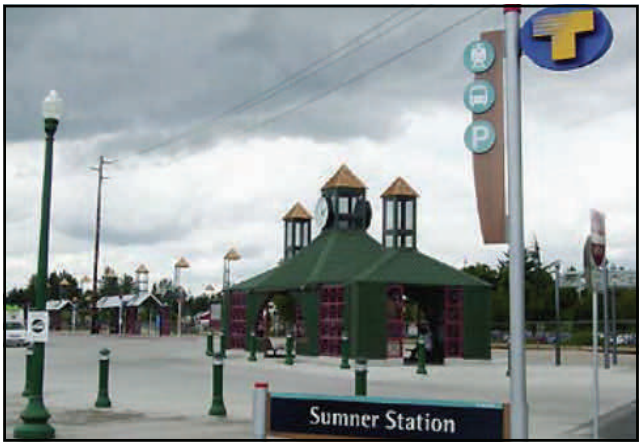
Closely Monitored Issues

- The CE schedule has been updated to reflect an additional month of CE in order to consider the City of Puyallup's garage sizing issues.

Sounder Commuter Rail
Sumner Station Improvements

Scope

This project is currently undertaking a NEPA/ SEPA environmental review and preliminary engineering for access improvements identified for the Sumner Station through the ST Board action in August 2014. The ST Board identified improvements include a new parking garage at the Sumner Station, station area pedestrian access improvements, secure bicycle storage at the station and station area traffic improvements. Project scope for Final Design will be determined with the concurrence of community and municipal stakeholders, following completion of conceptual and preliminary engineering.



Improving access to Sumner Station

Schedule

	Start	Finish
Prelim. Engineering	Apr 2013	2016
Final Design	2016	2018
Construction	2019	2020

Scope/Schedule/Budget Variance

None to report this period.

Project Cost ($s in thousands)

Phase	Lifetime Budget	Commitment to Date	Incurred to Date
Administration	$ 757	$ 144	$ 143
Preliminary Engineering	$ 2,685	$ 2,260	$ 511
Final Design	$ -	$ -	$ -
Third Party Agreements	$ -	$ -	$ -
ROW Acquisition and Permits	$ 2,907	$ 2,692	$ 2,692
Construction	$ 123	$ -	$ -
Construction Services	$ -	$ -	$ -
Contingency	$ -	$ -	$ -
Project Total	**$ 6,472**	**$ 5,096**	**$ 3,346**

Major Contracts ($s in thousands)

Vendor	Amount	Scope
Parametrix	$4,512	CE/PE

Key Activities

Current Period

- Executed contract amendment for Phase 2 and 3 services.
- Initiated evaluation and development of access improvements and Conceptual Engineering.

Next Period

- Begin Conceptual Engineering.
- Working with the City of Sumner regarding the size and location of the garage at the station to use for NEPA/ SEPA environmental review and conceptual engineering.

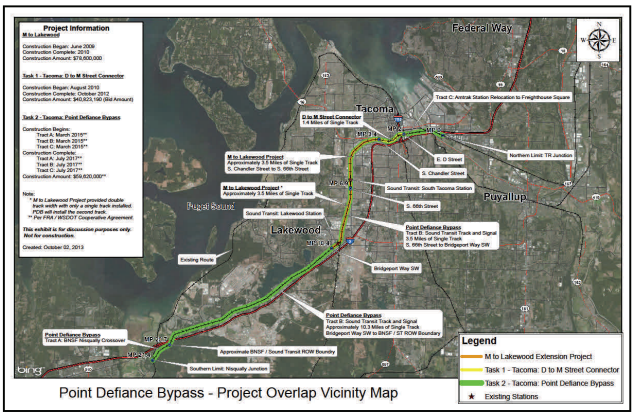
Closely Monitored Issues

- The CE schedule has been updated to reflect an additional month of CE in order to consider the City of Sumner's garage sizing issues.

Sounder Commuter Rail
Point Defiance Bypass

Scope

The Point Defiance Bypass project will construct a new second track adjacent to Sound Transit's existing main line between South Tacoma (66th Street Bridge) and Lakewood (Bridgeport Way) and install new rails, ties, and ballast on Sound Transit's existing track between Lakewood and Nisqually. Improvements will be made at the connection to BNSF's main line near Nisqually and safety improvements will be made at some existing at-grade crossings within the project corridor. Extension of the existing DuPont Yard, reconstruction of the Clover Creek Bridget and rehabilitation of the Pendleton Ave. Bridge and both north and southbound track bridges over I-5.



Point Defiance Bypass Route

Schedule

	Start	Finish
Prelim. Engineering	N/A	N/A
Final Design	Jan 2014	Feb 2015
Construction	Jul 2015	Mar 2017

Scope/Schedule/Budget Variance

None to report this period.

Major Contracts ($s in thousands)

Vendor	Amount	Scope
HNTB	$1,180	CM Services

Project Cost ($s in thousands)

Phase	Lifetime Budget	Commitment to Date	Incurred to Date
Administration	$ 400	$ 170	$ 230
Preliminary Engineering	$ -	$ -	$ -
Final Design	$ -	$ 120	$ 49
Third Party Agreements	$ -	$ -	$ -
ROW Acquisition and Permits	$ 1,000	$ 40	$ 40
Construction	$ 5,000	$ 1,303	$ 3
Construction Services	$ -	$ -	$ -
Contingency	$ -	$ -	$ -
Project Total	**$ 6,400**	**$ 1,633**	**$ 322**

Key Activities

Current Period

- Begun Final Design.
- Coordination with utility owners for relocation work.
- Amended construction and maintenance agreement.
- Advertised for construction.

Next Period

- Continue ongoing coordination with utility owners.
- Complete procurement process & award construction contract.
- Issue construction Notice to Proceed.

Closely Monitored Issues

- This project, designed by the Washington State Department of Transportation is funded through an ARA grant made available by the FRA. Work for this project must be completed by March 2017 in order to leverage all available funding.